



U.S.E. HICKSON  
15 WALLSEND DRIVE  
SCARBOROUGH; M1E 3X6; ONTARIO

**PRODUCT: BLACK KNIGHT FOUNDATION COATING**
**Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURER ..... U.S.E. HICKSON PRODUCTS LTD.  
..... 15 WALLSEND DRIVE  
..... SCARBOROUGH  
..... ON  
..... CANADA  
..... M1E 3X6  
..... 416-724-2000  
PRODUCT NAME ..... BLACK KNIGHT FOUNDATION COATING  
PRODUCT USES ..... FOUNDATION COATING.  
CHEMICAL FAMILY ..... ASPHALT BASED.

**Section 02: COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Ingredients	%	Exposure Limit	C.A.S.#	LD/50, Route, Species	LC/50 Route, Species
ASPHALT	60-100	5 MG/M3	8052-42-4	NOT AVAILABLE	
MINERAL SPIRITS	10-40	100PPM (575MG/M3)	64742-47-8	ORAL RAT>8000MG/KG DERMAL RAT>4000MG/KG	RAT 1400PPM/4 HOURS

**Section 03: HAZARDS IDENTIFICATION**

PRIMARY ROUTE(S) OF ENTRY.....  
SKIN CONTACT..... POSSIBLE IRRITATION UPON DIRECT CONTACT. CAN CAUSE MODERATE IRRITATION, DEFATTING AND DERMATITIS. PROLONGED CONTACT MAY CAUSE DEFATTING OF TISSUE.  
SKIN ABSORPTION..... MAY BE ABSORBED BY THE SKIN.  
INHALATION..... VAPORS CAN PRODUCE HEADACHE, NAUSEA, DIZZINESS, DISORIENTATION, NUMBNESS IN FINGERS AND TOES, AND IRRITATION OF NOSE AND THROAT.  
INGESTION..... CAN CAUSE GASTRO-INTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA.  
EYE CONTACT..... VAPORS CAN PRODUCE IRRITATION. IRRITATION UPON DIRECT CONTACT.  
EFFECTS OF ACUTE EXPOSURE..... REFER TO ROUTE OF ENTRY.  
EFFECTS OF CHRONIC EXPOSURE..... MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM, RESPIRATORY SYSTEM, LUNGS, EYES, SKIN, GASTROINTESTINAL TRACT. MAY CAUSE NAUSEA, HEADACHE, DIZZINESS, AND DROWSINESS.

**Section 04: FIRST AID MEASURES**

EYE CONTACT..... FOR HOT SPLASHES IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. IMMEDIATELY SEEK MEDICAL AID.  
SKIN CONTACT..... IMMEDIATELY FLUSH AREA WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING. WASH CONTAMINATED CLOTHING BEFORE RE-USE. IMMEDIATELY SEEK MEDICAL AID.  
INHALATION..... REMOVE VICTIM TO FRESH AIR. IF BREATHING HAS STOPPED PROPERLY TRAINED PERSONNEL SHOULD BEGIN ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION IMMEDIATELY!  
INGESTION..... DILUTE WITH WATER OR MILK; DO NOT INDUCE VOMITING; GET MEDICAL ATTENTION.

**Section 05: FIRE FIGHTING MEASURES**

FLASH POINT (C), METHOD..... 40 C CLOSED CUP.  
AUTO IGNITION TEMPERATURE..... > 257 C (ESTIMATED).  
UPPER FLAMMABLE LIMIT (% VOL)..... NOT ESTABLISHED.  
LOWER FLAMMABLE LIMIT (% VOL)..... NOT ESTABLISHED.  
EXTINGUISHING MEDIA..... CARBON DIOXIDE, DRY CHEMICAL, FOAM.  
HAZARDOUS COMBUSTION PRODUCTS... OXIDES OF CARBON (CO, CO2).  
SENSITIVITY TO MECHANICAL IMPACT.... NO. PROTECT AGAINST PHYSICAL DAMAGE.  
SENSITIVITY TO STATIC DISCHARGE..... YES.

**PRODUCT: BLACK KNIGHT FOUNDATION COATING****Section 06: ACCIDENTAL RELEASE MEASURES**

LEAK/SPILL..... CONTAIN THE SPILL. ELIMINATE ALL SOURCES OF IGNITION. FOR SMALL SPILLS: ABSORB THE VERMICULITE, PERLITE OR ABSORBENT EARTH. PICK UP AND BURN WITH CARE. COLLECT WASTE IN SEALED CONTAINERS. FOLLOW ALL APPLICABLE FIRE AND EXPLOSION PRECAUTIONS DURING THE SPILL RESPONSE PROCEDURE. FOR LARGE SPILLS: DIKE AREA TO PREVENT SPREADING. ELIMINATE ALL SOURCES OF IGNITION. WEARE A BREATHING APPARATUS. PREVENT RUNOFF INTO DRAINS, SEWERS, AND OTHER WATERWAYS. REFER TO THE REGIONAL OFFICE OF THE ENVIRONMENTAL MINISTRY. REMOVE CONTAMINATED SOIL.

**Section 07: HANDLING AND STORAGE**

HANDLING PROCEDURES..... AVOID: ALL SKIN CONTACT, EATING AND DRINKING ON USE. EQUIPMENT MUST BE GROUNDED. HANDLE AND OPEN CONTAINER WITH CARE. HANDLE AWAY FROM ALL SOURCES OF IGNITION. AVOID SMOKING. KEEP CONTAINER CLOSED. MAINTAIN A GOOD PERSONAL HYGIENE. PROTECT AGAINST PHYSICAL DAMAGE. USE NON-METALLIC TOOLS. USE ADEQUATE VENTILATION.

STORAGE NEEDS..... AVOID STATIC ELECTRICITY - GROUND CONTAINERS WHEN TRANSFERRING PRODUCT. KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES. KEEP CONTAINER CLOSED WHEN NOT IN USE. OBSERVE LOCAL REGULATIONS. PROVIDE ADEQUATE VENTILATION TO PROTECT FROM THESE HAZARDS AND TO KEEP BELOW MAXIMUM EXPOSURE VALUES. STORE AT ROOM TEMPERATURE.

**Section 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

PROTECTIVE EQUIPMENT.....

EYE/TYPE..... SPLASH PROOF CHEMICAL GOGGLES AND FACE SHIELD.

RESPIRATORY/TYPE..... NOT NORMALLY REQUIRED. USE A SELF CONTAINED BREATHING APPARATUS IF VAPOUR CONCENTRATION IS HIGH OR UNKNOWN.

GLOVES/ TYPE..... CHEMICAL RESISTANT GLOVES.

CLOTHING/TYPE..... WEAR ADEQUATE PROTECTIVE CLOTHES.

FOOTWEAR/TYPE..... SAFETY TYPE FOOTWEAR ITEMS.

OTHER/TYPE..... EMERGENCY SHOWER SHOULD BE IN CLOSE PROXIMITY. EYE BATH AND SAFETY SHOWER.

VENTILATION REQUIREMENTS..... LOCAL EXHAUST AT POINTS OF EMISSION. VENTILATION SYSTEM MUST BE DESIGNED VAPOR AND EXPLOSION PROOF FOR HANDLING SOLVENT VAPORS.

**Section 09: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE..... LIQUIDE.

ODOR..... SOLVENT ODOR.

SPECIFIC GRAVITY..... 0.9 kg/L APPROX.

VAPOR PRESSURE (mm Hg)..... 10 kPa (ESTIMATED).

VAPOUR DENSITY (AIR=1)..... 3-4 (APPROX @ 20 C).

BOILING POINT (deg C)..... > 131 C @ 1 atm.

VOLATILES %..... BY VOLUME: 30-50 @ 20 C BY WEIGHT: 50 APPROX.

SOLUBILITY IN WATER (% W/W)..... NOT SOLUBLE.

**Section 10: STABILITY AND REACTIVITY**

INCOMPATIBILITY..... ACIDS, BASES AND OXIDIZING AGENTS.

REACTIVITY CONDITIONS ?..... EXCESSIVE HEAT, SPARKS AND OPEN FLAME.

HAZARDOUS PRODUCTS OF DECOMPOSITION..... CARBON MONOXIDE, CARBON DIOXIDE.

**Section 11: TOXICOLOGICAL INFORMATION**

EXPOSURE LIMIT OF MATERIAL..... SEE SECTION 2.

IRRITANCY OF MATERIAL..... REFER TO ROUTE OF ENTRY.

SENSITIZING CAPABILITY OF MATERIAL..... IN SUSCEPTIBLE INDIVIDUALS.

CARCINOGENICITY OF MATERIAL..... NOT INDICATED.

TERATOGENICITY..... NOT INDICATED.

MUTAGENICITY..... NOT INDICATED.

REPRODUCTIVE EFFECTS..... NOT INDICATED.

**PRODUCT: BLACK KNIGHT FOUNDATION COATING****Section 12: ECOLOGICAL INFORMATION**

ENVIRONMENTAL..... DISPOSE WASTE IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS.

**Section 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL..... IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS.

**Section 14: TRANSPORT INFORMATION**

T.D.G. CLASSIFICATION..... TARS, LIQUID, CLASS 3, UN1999, PG III NON-REGULATED; FLASH POINT &gt;38 DEG C; PACKAGING &lt;450 L (TDG PART 1.33).

**Section 15: REGULATORY INFORMATION**

WHMIS CLASSIFICATION..... CLASS B DIVISION 3. CLASS D DIVISION 2.

**Section 16: OTHER INFORMATION**

NOTICE..... CANUTEC EMERGENCY (613) 996-8666. THE DATA INCLUDED HEREIN ARE PRESENTED ACCORDING TO U.S.E HICKSON PRODUCTS LTD.'S PRACTICES CURRENT AT THE TIME OF PREPARATION HEREOF, ARE MADE AVAILABLE SOLELY FOR THE CONSIDERATION, INVESTIGATION AND VERIFICATION OF THE ORIGINAL RECIPIENTS HEREOF AND DO NOT CONSTITUTE A REPRESENTATION OR WARRANTY FOR WHICH U.S.E. HICKSON ASSUMES LEGAL RESPONSIBILITY. IT IS THE RESPONSIBILITY OF A RECIPIENT OF THIS DATA TO REMAIN CURRENTLY INFORMED ON CHEMICAL HAZARD INFORMATION, TO DESIGN AND UPDATE IT'S OWN PROGRAM AND TO COMPLY WITH ALL FEDERAL, PROVINCIAL AND LOCAL LAWS AND REGULATIONS APPLICABLE TO SAFETY, OCCUPATIONAL HEALTH, RIGHT-TO-KNOW AND ENVIRONMENTAL PROTECTION.

PREPARED BY..... PROCESS DEVELOPMENT.

PREPARATION DATE ..... Mar10/04